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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/511,198

10/12/2004

James J Zhang

1523

8659

7590

05/09/2006

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EXAMINER

SUTHAR, RISHI S

ART UNIT

PAPER NUMBER

2851

DATE MAILED: 05/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/511,198	ZHANG, JAMES J	
	Examiner	Art Unit	
	Rishi Suthar	2851	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: The specification is missing headings (background of the invention, brief summary of the invention, brief description of the drawing, etc.) as applicable.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1 and 4 are rejected under 35 U.S.C. 102(b) as being anticipated by Takahashi (US 1,283,963).

Takahashi teaches in Fig. 2 and 4 a lens attachment, shade, and cover apparatus for a camera lens comprising: a frame element (13), a lens housing (22) pivotably attached to said frame element and adapted to receive additional optical attachments (20); a cover member (10) pivotably attached to said frame element; wherein said frame element is adapted to support additional components (20) individually and separately pivotably connected thereto.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2, 3, 5 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takahashi (US 1,283,963) in view of Choate (US 3,840,883).

Takahashi teaches the invention as claimed above, as well as a hinge assembly coupling the lens housing and the cover member. Takahashi does not teach a threaded adapter ring for attaching the lens cover to a camera. Choate teaches in Fig. 1 and 2 a lens cover for a camera comprising a threaded adapter ring (36) for threadably attaching the apparatus to a camera with threads (26) and wherein the cover member is rotatable about the lens axis relative to the frame element, where the lens cover may assume different angular positions (by rotating cover assembly taught in Fig. 1). It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide a threaded portion on the adapter of Takahashi as taught by Choate to provide an apparatus that is universal and adaptable to a wide variety of cameras (Choate; col. 53-55).

6. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Takahashi (US 1,283,963) in view of Tiffen (US 5,040,011).

Takahashi teaches the invention as claimed above, except for a locking notch on the periphery of the frame element for securely locking the apparatus to a camera adapter ring. Tiffen teaches in Fig. 1 a camera attachment mounted to the front of a camera comprising two locking notches on the periphery of the frame element of the apparatus for enabling the frame element to securely lock onto a camera adapter ring. It would be obvious to one of ordinary skill in the art at the time the invention was made to provide locking notches on the periphery of the lens mount of Takahashi as taught by Tiffen since locking notches allow the user to quickly and easily attach camera accessories to lens mounts (Tiffen; col. 2, lines 3-5).

7. Claim 8 rejected under 35 U.S.C. 103(a) as being unpatentable over Takahashi (US 1,283,963) in view of MacKay (US 5,208,624).

Takahashi teaches the invention as claimed above, but does not a magnetic compartment to maintain the desired relative position of the sunshade and lens housing element. MacKay teaches a magnetic compartment (24, 26) used to couple a lens mount and a lens attachment accessory to maintain a desired relative position of a lens attachment accessory and the lens mount. It would have been obvious to one of ordinary skill in the art at the time the invention was made to include a magnetic coupling as taught by MacKay in the invention of Takahashi to maintain a desired relative position of the sunshade and lens housing element since magnetic couplings provide quick, easy and secure mountings of camera accessories (MacKay; col. 3, lines 16-20).

8. Claims 9 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takahashi (US 1,283,963) in view of Loranger et al. (US 4,122,470).

Takahashi teaches the invention as claimed above, but does not teach additional sunshade components. Loranger et al. teaches in Fig. 1 and 5 a pivotable sunshade attachment for a camera comprising additional sunshade components having extendable panels to provide increased effective size and coverage of the sunshades, where the sunshade components are positioned to shade the camera lens from light at both side as well as above the camera optical axis. It would have been obvious to one of ordinary skill in the art at the time the invention was made to provide additional sunshade components in the invention of Takahashi since multiple sunshades allow for a quick and accurate way to take multiple pictures on a single exposure (Loranger et al; col. 1, lines 14-18).

Telephone Numbers

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rishi Suthar whose telephone number is 571-272-8456. The examiner can normally be reached on M-Th 8:30am to 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on 571-272-2258. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2851

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



William Perkey
Primary Examiner

Rishi Suthar
Examiner
Art Unit 2851

RS